

```

#include <lpc214x.h>

#include <stdio.h>

void delay(uint time);

void PLL_Init();

void main(){

PINSEL2 = 0x00000000;

IODIR1 = 0xFFFFFFFF;

while(1)

{

IOSET1 = 0xFFFFFFFF;

delay(1000);

IOCLR1 = 0xFFFFFFFF;

delay(1000);

}

}


void PLL_Init(){

PLLOCON = 0x01;

PLLOCFG = 0x24;

PLLOFEED = 0xAA;

PLLOFEED = 0x55;

while(!(PLL0STAT&0x0400));

PLLOCON = 0x03;

PLLOFEED = 0xAA;

PLLOFEED = 0x55;

VPBDIV1 = 0x01;

}


void delay(unsigned int time){

TOCTCR = 0x00;

```

```
TOTCR = 0x00;

TOPR = 59999;

TOTCR = 0x01;

while(TOTC<time);

TOTCR = 0x00;

}
```

```
//match register delay

void delay(unsigned int time){

TOCTCR=0x00;

TOTCR=0x00;

TOPR=59999;

TOMR0=1000;

TOMCR=0x0002;

TOTCR=0x02;

TOTCR=0x01;

while(TOTC !=TOMR0);

TOTCR=0x00;

}
```